

产品名称: PDE4B/C/D Rabbit Polyclonal Antibody
产品货号: APRab15891



产品概述 (Summary)

产品名称 (Production Name)	PDE4B/C/D Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PDE4B/PDE4C/PDE4D
别名 (Alternative Names)	PDE4B; DPDE4; cAMP-specific 3'; 5'-cyclic phosphodiesterase 4B; DPDE4; PDE32; PDE4C; DPDE1; cAMP-specific 3',5'-cyclic phosphodiesterase 4C; DPDE1; PDE21; PDE4D; DPDE3; cAMP-specific 3',5'-cyclic phosphodiesterase 4D; DPDE3; PDE43
基因 ID (Gene ID)	5144/5142/5143
蛋白 ID (SwissProt ID)	Q07343/Q08493/Q08499.The antiserum was produced against synthesized peptide derived from human PDE4D. AA range:156-205

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
----------------------	--

产品名称: PDE4B/C/D Rabbit Polyclonal Antibody
产品货号: AP Rab15891



蛋白分子量 (Molecular Weight) 76kDa

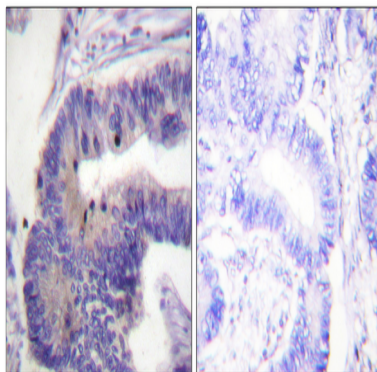
研究背景 (Background)

This gene is a member of the type IV, cyclic AMP (cAMP)-specific, cyclic nucleotide phosphodiesterase (PDE) family. The encoded protein regulates the cellular concentrations of cyclic nucleotides and thereby play a role in signal transduction. Altered activity of this protein has been associated with schizophrenia and bipolar affective disorder. Alternative splicing and the use of alternative promoters results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014], alternative products: Additional isoforms seem to exist, catalytic activity: Adenosine 3',5'-cyclic phosphate + H₂O = adenosine 5'-phosphate, enzyme regulation: Inhibited by rolipram, function: May be involved in mediating central nervous system effects of therapeutic agents ranging from antidepressants to antiasthmatic and anti-inflammatory agents, pathway: Purine metabolism; cAMP degradation; AMP from cAMP: step 1/1, similarity: Belongs to the cyclic nucleotide phosphodiesterase family, tissue specificity: Expressed in brain, heart, lung and skeletal muscle,

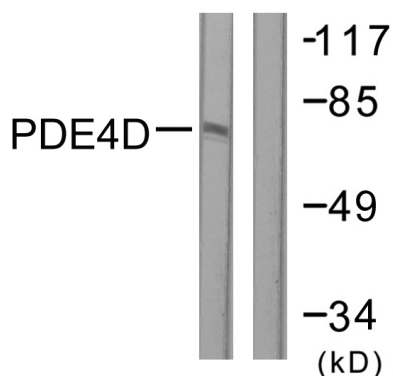
研究领域 (Research Area)

Purine metabolism;

图片 (Image Data)



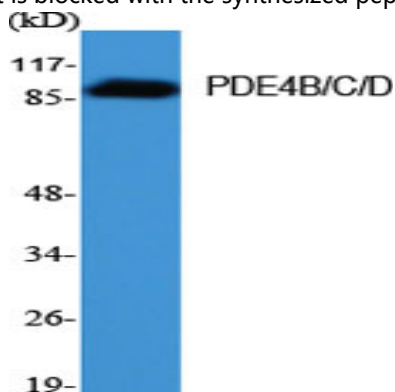
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using PDE4D Antibody. The picture on the right is blocked with the synthesized peptide.



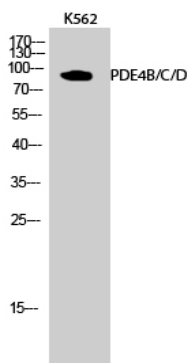
产品名称: PDE4B/C/D Rabbit Polyclonal Antibody
产品货号: APRab15891



Western blot analysis of lysates from K562 cells, treated with H₂O₂ 100uM 30', using PDE4D Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using PDE4B/C/D Polyclonal Antibody



Western Blot analysis of K562 cells using PDE4B/C/D Polyclonal Antibody

注意事项 (Note)

For research use only .